

POWER COMMANDER 6

Installation Guide for: PC6-18022

Model Coverage:

2011-2012 KTM 250 SXF/XCF

2013-2015 KTM 350 SXF/XCF

PARTS LIST



- | | | | |
|---|--------------------|---|------------------------|
| 1 | POWER COMMANDER 6 | 2 | POWER COMMANDER DECALS |
| 1 | INSTALLATION GUIDE | 2 | VELCRO STRIPS |
| 1 | USB CABLE | 1 | ALCOHOL SWAB |
| 2 | DYNOJET DECALS | 3 | ZIP TIES |

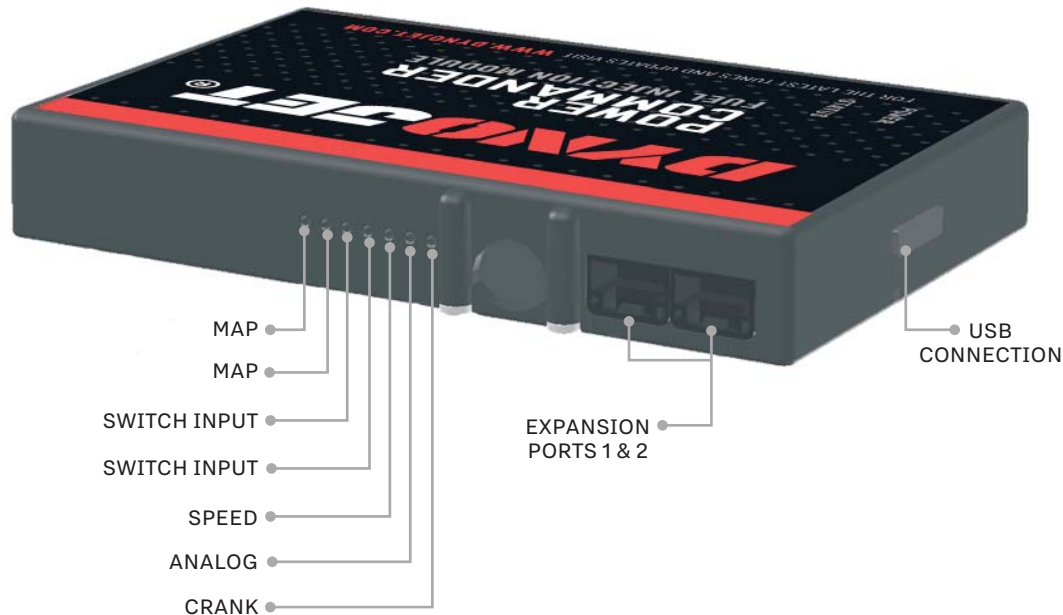
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-18022.01



INPUT ACCESSORY GUIDE



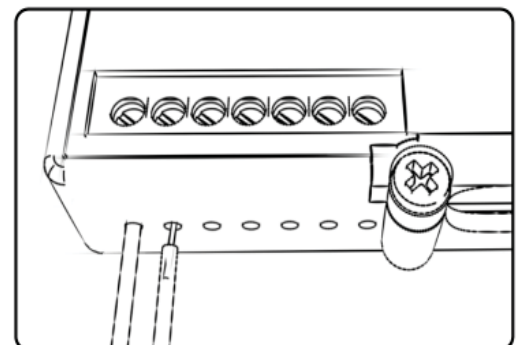
OPTIONAL ACCESSORY INPUTS

- Map** (Input 1 or 2) The PC6 has the ability to hold 2 different base maps. You can switch on the fly between these two base maps when you hook up a switch to the MAP inputs. You can use any open/close type switch. The polarity of the wires is not important.
- Shifter** (Input 1 or 2) Used for clutch-less full throttle upshifts. Insert the wires from the Dynojet quick shifter into either Input 1 or Input 2. The polarity of the wires is not important. Set to Input 2 by default.
- Speed** If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent kill times when using a quick shifter.
- Analog** This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.
- Launch** You can connect a wire to either Input 1 or Input 2 and then the other end to a switch. This switch when engaged (continuity) will only allow the RPM to be raised to a certain limit (set in the software). When released, you will have full RPM.

WIRE CONNECTIONS

To input wires into the PC6 first remove the rubber plug on the backside of the unit and loosen the screw for the corresponding input. Using a 22-24 gauge wire, strip about 10mm from its end. Push the wire into the hole of the PC6 until it stops and then tighten the screw. Make sure to reinstall the rubber plug.

NOTE: If you tin the wires with solder it will make inserting them easier.



INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat.



- 2 Remove the left side panel covering the air filter.



- 3 Temporarily position the PC6 module in the battery box compartment while routing the PC6 wiring harness down the left side of the bike, following along the underside of the left frame rail as shown.
- 4 Using the supplied velcro, secure the PC6 to the inside of the rear fender as shown.

Make sure to clean both surfaces with the alcohol swab before attaching.
- 5 Using the supplied zip ties, secure the PC6 harness to the factory cables.
- 6 Attach the ground wire ring lug from the PC6 harness to the negative (-) terminal on the battery.

- 7 Remove the left and right side radiator shrouds.
- 8 Loosen the fuel tank by removing the bolt at the location shown.
- 9 Prop the fuel tank upward so that you can access the throttle body.

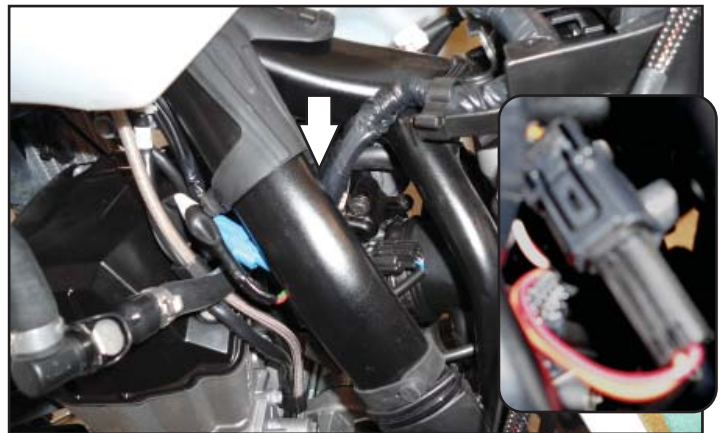
WARNING: Be very careful not to over stretch the fuel line.



- 10 Locate and unplug the stock wiring harness from the fuel injector.

The fuel injector is located at the front of the throttle body. This connector is difficult to reach and is not clearly visible in this image. Using a curved pair of needle-nose pliers may help to unplug it from the fuel injector.

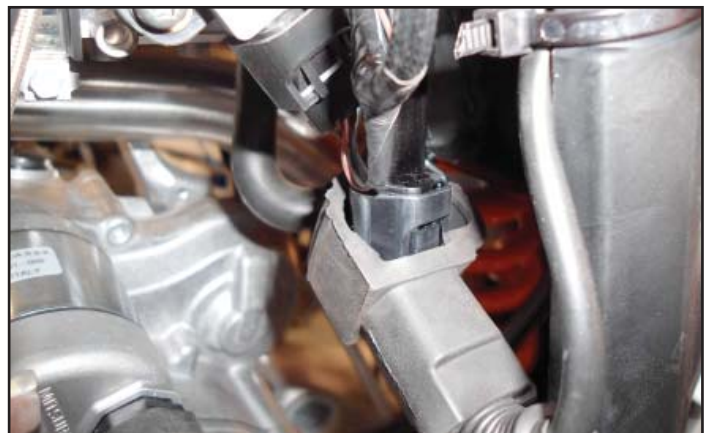
- 11 Plug the PC6 wiring harness in-line of the fuel injector and the stock wiring harness.



- 12 Locate and unplug the stock wiring harness from the Throttle Position Sensor.

This TPS is located on the left side of the throttle body. The connector has a rubber boot covering it that will need to be peeled back to unplug the connector.

- 13 Plug the PC6 wiring harness in-line of the bike's TPS and the stock wiring harness.



- 14 Locate and unplug the stock Crank Position Sensor connectors.

This is a BLUE 2-pin connector pair located inside of the left frame rail near the hydraulic clutch line.





- 15 Attach the PC6 connectors to the stock CPS connectors.



- 16 Locate the Ignition Coil Spade connection under the tank near the front of the frame as shown.
- 17 Attach the PC6 wiring harness spades in between the stock connectors as shown.
- 18 Using the supplied zip ties, secure the PC6 wiring harness so it is free and clear of any hot or moving parts.
- 19 Reinstall the fuel tank, the radiator shrouds on both sides, the left side panel, and the seat.

Download the latest map files from our web site at dynojet.com/tunes.



**PUSH
THE
LIMIT**

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